Abstract

A device for emptying hot particle material from a chamber (4) into a transport container (2), the container (2) being provided with a first pipe (3, 31) that can be inserted into the particle material in the chamber, and a second pipe (6) that is connected to a vacuum source (5) via a precipitator (7), wherein the first and second pipes communicate with the upper part of the container (2) and are spaced from each other to permit rejection of particle material in the container, wherein the container (2) has an outlet (11) in its lower, downwardly narrowing part (17), said outlet (11) being provided with a valve (10), wherein a vertical chute (20) surrounds the outlet, extends downwardly therefrom, and has an evacuation pipe (70) for the withdrawal of powder mixed with air that is generated inside the shaft (20) while the particle material is being emptied through the outlet and outlet valve, and wherein the container (2) includes a heat exchanger (40) to cool the powder material deposited in the container (2).